



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/535,242	05/18/2005	Masuo Koyama	TAD-C560	5781
<div>George A. Loud, Esquire BACON &amp; THOMAS Fourth Floor 625 Slaters Lane Alexandria, VA 22314-1176</div>				
<div>7590 10/02/2008</div>				
<div>EXAMINER</div>				
<div>CHEVALIER, ALICIA ANN</div>				
<div>ART UNIT PAPER NUMBER</div>				
<div>1794</div>				
<div>MAIL DATE DELIVERY MODE</div>				
<div>10/02/2008 PAPER</div>				

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

**Application No.**

10/535,242

**Applicant(s)**

KOYAMA ET AL.

**Examiner**

ALICIA CHEVALIER

**Art Unit**

1794

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 24 June 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-946)
- 3) ☐ Information Disclosure Statement(s) (PTO/SF/ICE)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

**RESPONSE TO AMENDMENT**

1. Claims 1-13 are pending in the application.

***REJECTIONS***

2. **The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.**

***Claim Rejections - 35 USC § 102***

3. Claims 1, 3-5, 7, 10 and 12 are rejected under 35 U.S.C. 102(b) as being anticipated by Murata et al. (U.S. Patent No. 6,261,665).

Regarding Applicant's claim 1, Murata discloses a film wherein one surface of the film is matted, and the matted surface shows a wet tension of 25 mN/m, 1mN/m=1 dyne/cm, or higher (*col. 10, lines 18-20*).

The limitation "fingerprint easily erasable" is a functional limitation and is deemed to be a latent property of the prior art since the prior art is substantially identical in composition and/or structure. MPEP 2145 (II).

Regarding Applicant's claim 3, Murata disclose wherein the film as a whole has a haze of 1.5 to 35.0% (*col. 18, lines 23-25*).

Regarding Applicant's claims 4 10, Murata discloses which comprises a substrate and a resin layer provided on the substrate and has the matted surface as a surface of the resin layer (*figures 1-3*).

Regarding Applicant's claim 5, the limitation "coating material containing an ionizing radiation curable resin" is a method limitation and does not determine the patentability of the product, unless the process produces unexpected results. The method of forming the product is not germane to the issue of patentability of the product itself, unless Applicant presents evidence from which the Examiner could reasonably conclude that the claimed product differs in kind from those of the prior art. MPEP 2113.

Regarding Applicant's claims 7 and 12, Murata discloses the resin layer contains silica particles as a matting agent (*col. 18, lines 28-36*).

#### ***Claim Rejections - 35 USC § 103***

4. Claims 2, 8, 9 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Murata et al. in view of Amimori et al. (U.S. Patent No. 6,559,915).

Murata is relied upon as described above.

Murata fails to disclose the ten point mean roughness Rz.

Amimori discloses an LCD optical film with an Rz of 1 to 3  $\mu\text{m}$  (*col. 3, line 60*). The film does not lower display brightness (*col. 3, lines 30-37*).

It would have been obvious to one of ordinary skill in the art at the time of the invention to use the Rz disclosed by Amimori in Murata's film in order to insure display brightness.

5. Claims 6 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Murata et al. in view of Hasno et al. (U.S. Patent No. 6,716,513).

Murata is relied upon as described above.

Murata fails to disclose the resin layer contains two kinds of matting agents having different average particle diameters.

Hasno discloses a coating for optical displays (*col. 4, lines 23-43*). The coating contains two kinds of silica particles having different average particle diameters (*figure 1 and col. 5, lines 45-63*). The coating is antifogging (*col. 4, lines 7-22*).

It would have been obvious to one of ordinary skill in the art at the time of the invention to use two kinds of matting agents having different average particle diameters as taught by Hasno in Murata in order to impart antifogging.

#### ***ANSWERS TO APPLICANT'S ARGUMENTS***

6. Applicant's arguments in the response filed June 24, 2008 regarding the previous rejections of record have been considered but are moot since the rejections have been withdrawn.

#### ***Conclusion***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alicia Chevalier whose telephone number is (571) 272-1490. The examiner can normally be reached on Monday through Friday from 8:00 am to 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rena Dye, can be reached on (571) 272-3186. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications

Art Unit: 1794

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Alicia Chevalier/

Primary Examiner, Art Unit 1794

10/3/2008